REMARKS

Claim 1 is amended by restricting scopes of R¹-R⁵. Phenyl is now excluded from the scope of R² as R¹ is phenyl or methyl, which will overcome the cited References U and V (Kang et al). R³ and R⁴ are independently restricted to methyl from alkyl of C1-C9, and R³-R⁴-N to piperidine from three-to-eight-membered heterocycle. Accordingly, claim 1 is no longer anticipated by the cited Reference W (Carreno et al). Moreover, R⁵ is restricted to methyl from alkyl of C1-C6. Amended claim 1 now also comports with the embodiments described in the specification.

In the present invention, Applicant provides a series of artificial aminothiol compounds exhibiting effect in catalizing an asymmetric addition reaction of aldehyde superior to almost all conventional aminothiol compounds. On the basis of aldehyde, less than 1% of the aminothiol compounds of the present invention are necessary to reach high e.e. values more than 90%. For example, the following compounds:

can easily achieve e.e. value higher than 99% in an amount less than 1% on the basis of aldehyde. The other aminothiol compounds of the present invention can also present good effects when applied to the addition as described in the specification. That is, the present invention indeed contributes to reducing cost for producing alkylmetal in asymmetric addition reactions.

Applicant believes that the foregoing is a complete response to the Office Action, and respectfully requests that a timely Notice of Allowance be issued in this case.

Respectfully,

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